# Maher Athar **Ilyas**

Undergraduate Computer Science Student

Automation/Scripting || Full-Stack Web ||  Android App Developer

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## EDUCATION

**B.Sc. Computer Engineering**                                          *Expected Graduation - 2024*

Bilkent University, Ankara, Turkey                                                  *CGPA 3.71*

- **High Honor** International Student with **Full-Ride** Merit Scholarship.
- **Relevant Courses:**  Algorithms and Programming I & II **(Java)** ,  Fundamental Structures of Computer Science I & II **(C++)** ,
  Digital Design **(System-Verilog)**,  Computer Organization **(Assembly)**,  Calculus I & II , Discrete and Combinational Mathematics.

## WORK EXPERIENCE

**Freelance Software Developer**                                            *Sep 2021 - present*

Fiverr                                                                          *Online / Remote*

- Designed, back-tested, and deployed **40+** commercial and personal **crypto trading-bots** for **25+ clients** that run on **desktop and VPS**.
- Utilized the **testnet and APIs** of Binance.com/.us, Kucoin, Discord, Telegram & Coinmarketcap while developing bots in **Python**.
- Accomplished **Level 1 seller** status within the opening month of service and maintained a **4.9/5 customer review** score.

**Graphic Designer and Social Media Manager**                               *Jan 2018 - Aug 2020*

AL-HUDA Educational Institute                                                  *Lahore, Pakistan*

- Illustrated **72 workbooks** & school magazines for primary classes on CorelDraw.
- Designed flyers, posters and video-advertisements for school events and marketing campaign.
- Commenced and executed social media marketing campaign, obtaining **2.1k+ followers** on Facebook and **10k+ Subscribers** on YouTube.

**Curriculum Development Intern**                                           *May 2019 - Aug 2019*

Care Foundation                                                                *Lahore, Pakistan*

- Revised annual SMART curriculum for underprivileged middle-school students.
- Received **Best Intern Award** for excellent creativity and work ethic from a cohort of **25 Interns.**

## PROJECTS

- **Habinet : Social Media of Productivity**  *- Java, JDBC, MySQL, Swing*
  A **gamified** habit tracking **desktop application** with integrated social media features such as **groups, group chat**, **leaderboards** and
  to-do list, implemented by online **server hosted relational database** and **data-structures** in Java .

- **Cryptocurrency Trading Bot for Binance & Kucoin**  *- Python, TA-lib, Binance API, Kucoin API, websockets, requests*
  Python bot with integrated APIs of **Binance, Kucoin, and Telegram** that **requests live** market data, **executes trade orders** on exchanges,
  and sends **notifications on Telegram** account after preliminary calculations of multiple **trend indicators and candle patterns**.
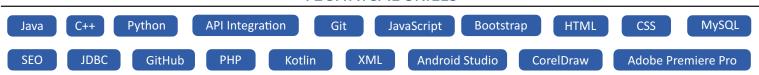
- **Personal Website** *- HTML, CSS, Bootstrap, JavaScript, PHP, Git*
  An online interactive **resume website** styled and animated using **CSS, Bootstrap and Javascript** with a **contact me form** implemented
  using **PHP.** The website is hosted on **Github Pages** and updated using **Git.** (Visit at atherrrrr.github.io).

- **Smart-Music Player App for Android** *- Java, XML, Android Studio*
  An android application with an **animated UI design** using XML and Java that plays **.mp3 music files** and groups music files using **the
  user's past preferences** to play later using the user's current **mood selections**.

## TECHNICAL SKILLS

Java    C++    Python    API Integration    Git    JavaScript    Bootstrap    HTML    CSS    MySQL

SEO    JDBC    GitHub    PHP    Kotlin    XML    Android Studio    CorelDraw    Adobe Premiere Pro

## HONORS AND AWARDS

- **Cambridge Outstanding Learners Award for Regional Distinction in Computer Science (O-Level)** - CAIE
- **House Captain (Student Council)**  - Beaconhouse ALJT
- **Regional** Table Tennis Champion 2019 - Pakistan
- **Highest Achiever Award (O-Level)** - Beaconhouse CSBC
- **Valedictorian** (AS & A-Level) - Beaconhouse ALJT